

IN THE CLAIMS

Claims 1 through 13 and 23 are pending in the application, and are set forth in the following listing. Pursuant to 37 CFR §121(c), the claim listing, including the text of the claims, will serve to replace all prior versions of the claims, in the application.

Please amend claims 35 and 36, as follows:

Claims 1 - 11. (Canceled)

1 12. (Previously Presented) A time indicator, comprising:
2 a movement element; and
3 a flying tourbillon module, said flying tourbillon module being visible from a dial
4 side of said movement element;
5 said flying tourbillon module comprising a cantilevered bearing that supports said
6 flying tourbillon module;
7 wherein said flying tourbillon module comprises an independent element relative
8 to said time indicator, and said flying tourbillon module is removably separable as said
9 flying tourbillon module from said movement element via a rear side of said time
10 indicator.

1 13. (Previously Presented) The time indicator of claim 12, said flying tourbillon
2 module comprising:
3 a balance bridge;
4 a collet forming a cage with said balance bridge; and
5 a balance disposed in said cage between said collet and said balance bridge

1 14. (Previously Presented) The time indicator of claim 13, wherein said bearing
2 means comprises a single ball bearing.

1 15. (Previously Presented) The time indicator of claim 13, said flying tourbillon
2 module further comprising a shaft on which said balance is mounted, said shaft having an
3 end, said bearing means comprising a bearing positioned a distance from said end of said
4 shaft at a level of a center of gravity of said flying tourbillon module.

1 16. (Previously Presented) The time indicator of claim 13, wherein said collet has
2 a diameter greater than a diameter of any other element so as to define a space
3 requirement in a plane of the time indicator.

1 17. (Previously Presented) The time indicator of claim 13, wherein said balance is
2 arranged eccentrically within the cage.

1 18. (Previously Presented) The time indicator of claim 13, wherein said flying
2 tourbillon module further comprises a shaft on which said balance is mounted, a cannon
3 surrounding said shaft, and a tourbillon bridge on which said collet is disposed, and
4 wherein said balance bridge, said collet, said balance, said bearing means and said
5 tourbillon bridge form an integral unit supporting regulatory elements of said time
6 indicator.

1 19. (Previously Presented) The time indicator of claim 17, wherein said regulatory
2 elements include an oscillator shaft having an end, said bearing means comprising a
3 bearing positioned between a plane of said end of said oscillator shaft and a plane of a
4 center of gravity of said flying tourbillon module.

1 20. (Previously Presented) The time indicator of claim 13, wherein said balance
2 bridge is formed of one of a transparent material and a semi-transparent material so as to
3 serve as a second hand of said time indicator.

1 21. (Previously Presented) The time indicator of claim 13, wherein said balance
2 bridge carries at least one of precious stones, precious metals and ornaments so as to
3 serve as a second hand of said time indicator.

1 22. (Previously Presented) The time indicator of claim 12, wherein said flying
2 tourbillon module is positioned in a plane of a dial of the time indicator and is visible
3 from the dial side of the time indicator in one of a six o'clock position and a twelve
4 o'clock position.

1 23. (Previously Presented) The time indicator of claim 12, said time indicator
2 including a dial, said flying tourbillon module being positioned in said movement
3 element in a raised manner relative to said dial.

1 24. (Previously Presented) A method of assembling a time indicator with a
2 balance spring flying tourbillon, comprising the steps of:

3 (a) providing the time indicator with a movement element and regulatory
4 elements;

5 (b) providing a flying tourbillon module comprised of a plurality of elements
6 forming an integral module supporting the regulatory elements; and

7 (c) mounting the flying tourbillon module in the movement as said integral module
8 removably separable from the movement element.

1 25. (Previously Presented) The method of claim 24, wherein the plurality of
2 elements of said flying tourbillon module comprises at least one of a balance bridge, a
3 collet, a balance, a cannon, a bearing, and a tourbillon bridge.

1 26. (Previously Presented) The method of claim 24, wherein step (b) comprises
2 assembling said flying tourbillon module as a separate component relative to said

3 movement element and said regulatory elements of said time indicator.

1 27. (Previously Presented) The method of claim 24, wherein said flying tourbillon
2 module is separable from said time indicator and is thereby adjustable outside the
3 movement element of said time indicator.

1 28. (Previously Presented) The method of claim 24, wherein step (c) comprises
2 inserting the flying tourbillon module from a side of the movement element opposite to a
3 dial side of the time indicator.

1 29. (Previously Presented) The method of claim 28, wherein step (c) further
2 comprises inserting the flying tourbillon module into an opening in the movement
3 element.

1 30. (Previously Presented) The method of claim 29, wherein step (c) further
2 comprises fixing the flying tourbillon module to the movement element on the side of the
3 movement element opposite to the dial side of the time indicator.

1 31. (Previously Presented) The method of claim 30, wherein the plurality of
2 elements of said flying tourbillon module includes a tourbillon bridge, and step (c)
3 comprises fixing the tourbillon bridge of said flying tourbillon module to the movement
4 element on the side of the movement element opposite to the dial side of the time
5 indicator.

1 32. (Previously Presented) The method of claim 24, wherein step (c) comprises
2 inserting the flying tourbillon module into an opening in the movement element.

1 33. (Previously Presented) The method of claim 24, wherein step (c) comprises

2 fixing the flying tourbillon module to the movement element on a side of the movement
3 element opposite to a dial side of the time indicator.

1 34. (Previously Presented) The method of claim 24, wherein the plurality of
2 elements of said flying tourbillon module includes a tourbillon bridge, and step (c)
3 comprises fixing the tourbillon bridge of said flying tourbillon module to the movement
4 element on a side of the movement element opposite to a dial side of the time indicator.

1 35. (Currently Amended) The time indicator of claim ~~13~~ 19, comprising a shaft
2 supporting said oscillator, ~~whereby~~ said shaft ~~has~~ having a first extremity driving into a
3 cannon fixed to the collet and a second extremity driven into the balance bridge.

1 36. (Currently Amended) The time indicator of claim ~~12~~ 13, ~~wherein~~ with said
2 movement ~~comprises~~ comprising an opening extending from the front to the back of the
3 movement, where by said opening has a diameter which is larger than the diameter of said
4 collect.

1 37. (Previously Presented) The method of claim 25, wherein the collet is arranged
2 within an opening of the movement which extends from the front side to the back side of
3 the movement.

1 38. (Previously Presented) A time indicator with a balance spring, comprising:
2 a movement; and
3 a flying tourbillon module;
4 said flying tourbillon module comprising a cantilevered bearing that supports a
5 flying tourbillon assembly;
6 said flying tourbillon assembly comprising:
7 a balance bridge;

8 a collet forming a cage with said balance bridge;
9 a shaft;
10 a balance mounted on said shaft disposed in said cage between said
11 collet and said balance bridge;
12 a regulator; and
13 a cannon whereto said cage is attached to, wherein said flying
14 tourbillon module is visible from a dial side of said movement;
15 wherein said flying tourbillon module is designed as an independent element
16 relative to said time indicator; and
17 said flying tourbillon module is separable as said flying tourbillon module from
18 said movement element via a rear side of said time indicator.

1 39. (Previously Presented) The time indicator of claim 38, wherein extremities of
2 said shaft comprise anti-shock units.

1 40. (Previously Presented) The time indicator of claim 39, comprising a pallet
2 oscillator with a pallet wheel.

1 41. (Previously Presented) The time indicator of claim 40, comprising an
2 internal toothed crown attached to the balance bridge, whereby said pallet wheel is
3 engaged with said internal toothed crown creating the rotation of the pallet wheel about
4 an axis of said pallet wheel by the motion of the collet.

1 42. (Previously Presented) The time indicator of claim 38, wherein the bearing
2 means is a ball bearing.

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